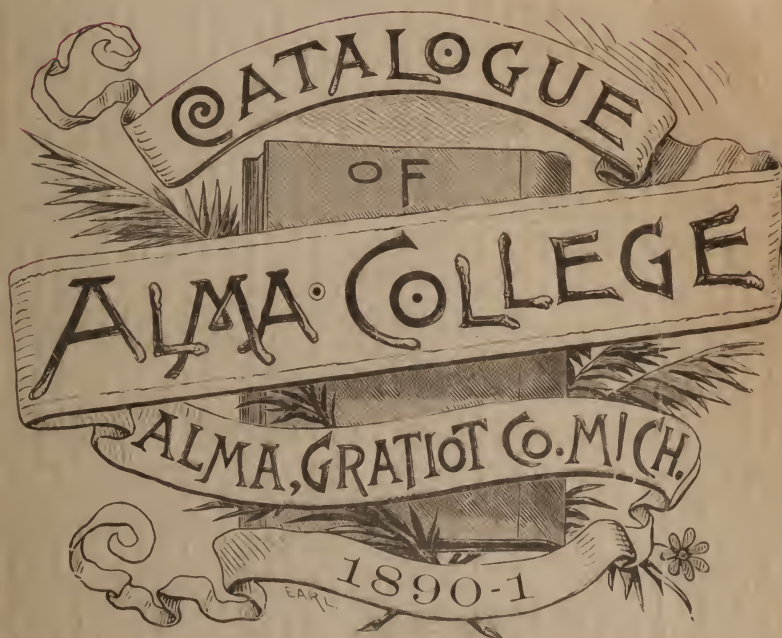



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THE KING



CATALOGUE

OF

ALMA COLLEGE

FOR THE YEAR 1890-91

WITH ANNOUNCEMENTS FOR THE YEAR

1891-92

ALMA, MICH.

PUBLISHED BY THE COLLEGE
1891.

ORIGIN OF THE COLLEGE.

In Nomine Dei, Amen.

Alma College is the outgrowth of a feeling among the Presbyterians of Michigan, that they must have an institution of learning distinctively their own and equal to the best.

While it was founded by, and is under the care of, the Synod of Michigan, it is not with any narrow meaning a sectarian school; but in the broadest sense consistent with high moral and religious culture, is a Christian College. A paragraph or two from its first records will be expected just here by those who shall come after us. .

At a meeting of the Synod of Michigan, held in Grand Rapids, October 14, 1886, the following resolution was adopted:

“*Resolved*, That in view of all the facts brought before us, we will, with God’s help, establish and endow a college within our bounds.”

A Board of Trustees was also elected, to which the power was given of filling vacancies until the next meeting of Synod, and of adding to its number not to exceed five persons.

Two notable gifts decided the matter of establishing a college and fixing its location:

The first, of fifty thousand dollars from Alexander Folsom, Esq., and the second, of land and buildings valued at forty thousand dollars, situated in the village of Alma, Gratiot county, Michigan, the gift of A. W. Wright, Esq. and the people of Alma.

In addition to the above the College has received by bequest from the late Alexander Folsom the generous gift of thirty thousand dollars.

THE CORPORATION.

TRUSTEES.

CLASS OF 1891—

W. O. HUGHART, Esq., Grand Rapids.
REV. D. M. COOPER, Detroit.
THOMAS MERRILL, Esq., Saginaw.
CHARLES STINCHFIELD, Esq., Detroit.
CHARLES W. WELLS, Esq., Saginaw.

CLASS OF 1892—

REV. WM. A. McCORKLE, D. D., Detroit.
HON. F. W. WHEELER, West Bay City.
REV. H. M. CURTIS, Flint.
REV. A. F. BRUSKE, Saginaw.
HARRY WIDDICOMB, Esq., Grand Rapids.

CLASS OF 1893—

HON. N. B. BRADLEY, Bay City.
H. P. CRISTY, Esq., Detroit.
REV. T. D. MARSH, Ludington.
HON. L. S. LOVELL, Ionia.
R. S. TRACY, Esq., Sturgis.

CLASS OF 1894—

HON. R. A. ALGER, Detroit.
JAMES R. WYLIE, Esq., Petoskey.
HON. J. M. LONGYEAR, Marquette.
A. W. WRIGHT, Esq., Alma.
J. H. PLUM, Esq., West Bay City.

OFFICERS OF THE BOARD OF TRUSTEES.

HON. N. B. BRADLEY, CHAIRMAN.
PROF. J. W. EWING, SECRETARY.
A. W. WRIGHT, ESQ., TREASURER.

EXECUTIVE COMMITTEE.

A. W. WRIGHT, ESQ., CHAIRMAN.
REV. GEO. F. HUNTING, D. D., *ex officio*.
HON. N. B. BRADLEY.
REV. A. F. BRUSKE.
THOMAS MERRILL, ESQ.
J. H. PLUM, ESQ.
PROF. J. W. EWING, *ex officio*, SECRETARY.

VISITING COMMITTEES.

APPOINTED BY THE SYNOD OF MICHIGAN.

REV. J. MILLS GELSTON, ANN ARBOR.
REV. J. EMERY FISHER, WHITE PIGEON.

APPOINTED BY STATE SUPERINTENDENT OF PUBLIC INSTRUCTION.

C. F. BURTON, ESQ., DETROIT.
SUPT. J. J. BRUNSON, ST. JOSEPH.
MRS. S. S. BABCOCK, DETROIT.

THE FACULTY

AND OTHER OFFICERS.

GEORGE F. HUNTING, D. D.,

President and Pastor.

KENDALL BROOKS, D. D.,

Folsom Professor of Mathematics, Dean of the Faculty.

JOSEPH W. EWING, A. M.,

Folsom Professor of Physics, and Principal of the Normal and Preparatory Departments.

MARY C. GELSTON, A. M.,

Professor of Latin, and Lady Principal.

CHARLES A. DAVIS, A. M.,

Stone-Davis Professor of the Natural Sciences.

REV. HENRY E. BUTLER, A. M.,

Wells Professor of Mental and Moral Science.

JOHN T. EWING, A. M.,

Longyear Professor of Ancient Languages.

KATHARINE E. INGLIS,

Instructor in Modern Languages.

CARRIE L. RANSOM, M. B.,
Instructor in Vocal and Instrumental Music.

JENNIE E. SMITH,
Assistant Instructor in Instrumental Music.

KATE L. BOOTH,
Instructor in Drawing and Painting.

ELNORA CUDDEBACK,
Principal of the Training Department.

REV. J. PIERSON, D. D.,
Librarian.

CHARLES A. DAVIS,
Secretary.

JOHN T. EWING,
Registrar.

JAMES LOGIE,
Steward.

CATALOGUE OF THE STUDENTS.

THE COLLEGIATE DEPARTMENT.

The Senior Class.

Bernice Hunting, cl.	Alma
Alfred Field Pratt, cl.	Campbell, N. Y.
Bertha May Trask, ph.	Saginaw, W. S.

The Junior Class.

Mary Hattie Cook, cl.	Saginaw, W. S.
Francis Wayland Eply, cl.	Palo
Matie C. Hill, sc.	Swartz Creek
Katherine Chapman Slater, sc.†	Monroe

The Sophomore Class.

Charles Eugene Blanchard, cl.	Alma
Nina Edith Bristol, cl.	Mason
Ralph Chapin Ely, sc.†	Alma
Elizabeth Ford, ph.	Wyandotte
Mary Olive Hunting, cl.	Alma
William Newton McKee, cl.	Southport, Ind
Bessie Campbell McLean, ph.	Keeseville, N. Y.
James Mitchell, ph.†	Breckenridge
Lucy Marion Plum, ph.	West Bay City
Anna Belle Preston, ph.	Mt. Pleasant
Herrick Johnson Ransom, cl.†	Alma

The Freshman Class.

William E. D. Gibson, cl.	Alma
Esther H. Marsh, cl.	Birmingham
Frank L. Marsh, cl.	Ludington
Robert J. McLandress, cl.	Saginaw, W. S.
Joseph T. Northon, ph.	Alma
Mary F. Taylor, sc.	Almont
Alfred F. Waldo, cl.	Harbor Springs

Explanation.—Cl., Classical; sc., Scientific; ph., Philosophical; †, Not fully examined.

 THE PREPARATORY DEPARTMENT.

Fourth Year Class.

Harry S. Babcock,	Harbor Springs
Birdsey S. Bates,	Constantine
Donald Cameron, Jr.,	St. Louis
Morgan Curtis,	Petoskey
Charles H. Caple,	Alma
Harry Hawkins,	Alma
William L. Ireland,	Alma
Herbert Scott,	St. Louis
John E. Smith,	St. Louis
J. Alfred Torney,	Detroit
Charles W. Waring,	West Sebawa
Ambrose B. Wight,	Linden

 Third Year Class.

Sumner G. Bush,	St. Louis
William M. Cameron,	St. Louis
L. Lenore Conover,	Coldwater

Henry G. Hunting,	Alma
Julia B. McKee,	Southport, Ind.
John A. McKee,	Southport, Ind.
Walter E. Price,	Ludlow, Ky.
Arthur L. Toner,	Jackson
Raymond C. Turck,	Alma
Ralph O. Doughty,	Mt. Pleasant
Martha B. Schnettler,	Reese
F. Herbert Wilson,	Saginaw, E. S.

Second Year Class.

Archie H. Alexander,	Alma
Flora J. Arnott,	Cannonsburg
Kendall P. Brooks,	Alma
Murza J. Chapin,	Linden
Emory H. Hannett,	Shepherd
Ira M. Hatch,	Lansing
Robert Jamieson,	Unadilla
Edyth M. Jenney,	Newberry
Estelle C. Jenney,	Newberry
Albert C. Kunze,	Marlette
James A. Milne,	Saginaw, E. S.
William D. Munroe,	Bath
Bessie B. McCallum,	Holton
Richard H. Sidebotham,	Port Austin
Lena M. Turck,	Alma
Walter C. Vliet,	Alma
Walter T. Wood,	McBride's

First Year Class.

Fred R. Alexander,	Island City, Or.
Florence W. Anderson,	Midland
William H. Belfry,	Michigan Center

Mary J. Bow,	Alma
Florence L. Bow,	Alma
Jennie I. Baker,	Shepherd
Rose M. Barbour,	East Jordan
Edgar N. Church,	Alma
Frank A. Clothier,	Marlette
G. Francis Cuddeback,	Alma
Solomon S. Fink,	Alma
Walter I. Foss,	Bay City
Frank D. Hammond,	Big Flats, N. Y.
George G. Harvey,	Detroit
Herbert E. Hill,	East Tawas
Fred W. Hill,	East Tawas
Agnes C. Jackson,	St. Louis
Leila Kingsley,	Los Angeles, Cal.
Edith L. Maxson,	Wheeler
Samuel Megaw,	Alma
Abram C. Middaugh,	Alma
Mary L. Mills,	McMillan
Helen M. Miller,	Elsah, Ill.
Rollin J. Munroe,	Portland
Frank Y. Rice,	Petoskey
Norman G. Rice,	Petoskey
Arthur L. Rhodes,	Flint
Walter Rockwell,	Detroit
Arthur C. Tredway,	Detroit
Charles Ward,	Alma

Students Pursuing Special Studies.

Ernest R. Allen,	Ithaca
Minnie E. Ardis,	Evart
Emma M. Ardis,	Evart
Amos W. Beckner,	Alma
I. N. Brainerd,	Alma

Minnie M. Cheesman,	St. Louis
Helen C. Church,	Alma
James O. Cunningham,	Midland
Florence M. Dunlap,	Detroit
Libbie J. Darlington,	Wheeler
Fred Fullerton,	Alma
Josephine M. Hodges,	Detroit
Mary A. Logie,	Alma
Eva A. Logie,	Alma
Wilbur Mayes,	Carson City
Kate McCallum,	St. Louis
George L. Neff,	McBride's
Charles D. Ransom,	Alma
Albert Shorten,	Smithfield, Utah
Stella L. Smith,	Saginaw, W. S.
Maud A. Shepherd,	Stanton
Mary D. Schultze,	Grand Rapids
Cora M. Secord,	Trenton
Wilson Stitt,	Stittsville, Ont.
Lida H. Tompkins,	Flint
Mabel Taylor,	Almont
Amy Wood,	McBride's
Mary C. B. Waterbury,	Tawas City

THE NORMAL AND TRAINING DEPARTMENT.

Normal.

Eunice Burch,	Cross Village
Laura Burke,	Carson City
Clara S. Booth,	Alma
Anna D. Carrow,	Clare
Lily M. Cornelius,	Seymour, Wis.
Frances E. Clark,	Alma

Nella I. Forton,	Alma
Eva Fullerton,	Alma
Una M. Hathaway,	Harbor Springs
Jennie M. McCallum,	Holton
Clara M. Moyer,	Alma
Libbie O'Boyle,	Shepherd
William A. Smith,	Alma
Sylvena C. Stone,	Blackmer
Annie Thomas,	Cubero, N. M.
Delia E. Thompson,	Bath
Ray Stebbins,	Howell
John F. Coulter,	Hesperia

Training.

Marian Allen,	Hudson
Delia Arms,	Rochester, Minn.
Kate L. Bassett,	Saginaw, W. S.
Almina E. Burrows,	Chesaning
Elizabeth A. Cooke,	St. Ignace
Lizzie J. Curtiss,	Howell
Clara M. Fancher,	Alma
Taphath Finch,	Petoskey
Mary C. Fowler,	Saginaw, E. S.
Martha J. Graham,	Alma
Nettie M. Houston,	Petoskey
Minnie C. Leach,	Fowler
Antoinette McLaren,	Alma
Patience McGinn,	Hubbardston
Maggie Morrice,	Belleville, Ont.
Nellie Mackey,	West Bay City
Eunice M. Merchant,	St. Joseph

Ella L. Newton,	Lapeer
Mary O'Brien,	Vassar
Jessie M. Peters,	St. Joseph
Margaret A. Rae,	Bay City
Christina S. Ragatz,	Racine, Wis.
Hattie Richardson,	Ithaca
Etta B. Russell,	Flint
Mabel A. Rose,	Evart
Fannie E. Scoville,	Menominee
Blanche Starkweather,	Plymouth
Jennie M. Seelye,	Ann Arbor
Minnie C. Siedman,	St. Louis
Etta M. Stoddard,	Hubbardston
Mary R. Swarthout,	Saginaw, W. S.
Theo. Josephine Ward,	Laingsburg
Stella A. White,	Detroit

MUSIC DEPARTMENT.

E. Estelle Allen,	Capac
Florence W. Anderson,	Midland
Emma M. Ardis,	Evart
Minnie E. Ardis,	Evart
Amos W. Beckner,	Alma
Carrie A. Butler,	Alma
Sarah C. Butler,	Alma
Pearle Chadwick,	Alma
Minnie M. Cheesman,	St. Louis
Frank A. Clothier,	Marlette
Frances M. H. Davis,	Alma
William A. Davis,	Alma
Ralph O. Doughty,	Mt. Pleasant
Emma E. Eaton,	Merrill
Jennie B. Edwards,	Detroit
Mrs. G. M. Ferris,	St. Louis

Elizabeth M. Ford,	Wyandotte
Fannie Foster,	St. Louis
Mrs. C. E. Hill,	Alma
Nettie M. Houston,	Petoskey
Mary O. Hunting,	Alma
Ida A. Hutchings,	Alma
Agnes C. Jackson,	St. Louis
Edyth M. Jenney,	Newberry
Estelle C. Jenney	Newberry
Leila Kingsley,	Los Angeles, Cal.
Mary A. Logie,	Alma
Mary L. Mills,	McMillan
Bessie C. McLean,	Keeseville, N. Y.
Margaret J. Nisbet,	Tawas City
Alice A. Pitts,	Pittsburg
Anna B. Preston,	Mt. Pleasant
Ora M. Sanford,	Greenville
Nellie J. Sayre,	Petersburg
Martha B. Schnettler,	Reese
Myrta M. Shelly,	Emerson
Stella L. Smith,	Saginaw, W. S.
William A. Smith,	Alma
Minnie M. Stanton,	Mason
Bertha W. Stevens,	Alma
Mrs. L. E. Stevenson,	Alma
Maggie Sullivan,	Alma
Mabel Taylor,	Almont
Annie Thomas,	Cubero, N. M.
Sarah L. Ward,	Alma
Mary C. Waterbury,	Tawas City
A. Gertrude Whiting,	Alma
Lulu A. Wilson,	Alma
Amy Wood,	McBride's
Mrs. I. W. Woodfin,	Alma

ART DEPARTMENT.

E. Estelle Allen,	Capac
Minnie E. Ardis,	Evart
Emma M. Ardis,	Evart
Mary G. Alcock,	Exeter, Ont.
Florence W. Anderson,	Midland
Eda M. Blanchard,	Alma
Eunice Burch,	Cross Village
Kate L. Bassett,	Saginaw, W. S.
Mrs. Crandall,	St. Louis
Frank Cuddeback,	Alma
Minnie M. Cheesman,	St. Louis
Florence M. Dunlap,	Detroit
Jennie B. Edwards,	Detroit
Hattie G. Emery,	Bay City
Mrs. J. T. Ewing,	Alma
Fannie Green,	Alma
Winnie A. Griffin,	Alma
Merrill M. Hunting,	Alma
Mrs. E. J. Heath,	Ithaca
Mrs. F. H. Hamlin,	Alma
Lizzie Lewis,	Bay City
Eva A. Logie,	Alma
Bessie McCallum,	Holton
Ella Newton,	Lapeer
Margaret J. Nisbet,	Tawas City
Anna B. Preston,	Mt. Pleasant
Carrie L. Ransom,	Alma
Stella L. Smith,	Saginaw, W. S.
Kate L. Smith,	Coldwater
Maud A. Shepherd,	Stanton
Clara M. Welton,	Detroit
Mary C. Waterbury,	Tawas City

SUMMARY.

Seniors	3
Juniors	4
Sophomores	11
Freshmen	7—25
Fourth Year Preparatory	12
Third “ “	12
Second “ “	17
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Pursuing Select Studies	28
Normal and Training Department	51
Music Department	50
Art Department	32—161
Counted twice	39
Number of different Students	218

Note.—The above summary covers the Spring and Fall Terms of the year 1890 and the Winter Term of 1891.

ALMA COLLEGE.

Organization.

The College embraces five Departments of Instruction, Collegiate, Preparatory, Normal and Training, Music and Art.

THE COLLEGIATE DEPARTMENT.

I. THE COURSES OF STUDY.

There are Four Courses of Study, each extending through four years.

1. The Classical Course, leading to the degree of Bachelor of Arts.

2. The Philosophical Course, leading to the degree of Bachelor of Philosophy.

3. The Scientific Course, leading to the degree of Bachelor of Science.

4. The Literary Course, leading to the degree of Bachelor of Letters.

II. THE REQUIREMENTS FOR ADMISSION.

1. Candidates for the Freshman Class must be prepared for examination in all the studies of the corresponding course of the Preparatory Department, and in the requisites for admission to that course. (See pp. 36-38).

2. Examination will be waived in the case of applicants who present certificates of graduation from the Prepara-

tory Department, or from any High School having equivalent courses. Examination will also be waived in particular studies upon the presentation of a satisfactory certificate from the school in which such studies were pursued.

3. Candidates for advanced standing will be examined in the subjects previously studied by the class they desire to enter, except in the case of undergraduates of other institutions who present letters of honorable dismissal, and also careful statements, duly certified, of the studies pursued and the credits received therein.

4. Students desiring to pursue select studies will be admitted to such classes only as they are found prepared to enter.

5. Candidates who are slightly deficient may be received conditionally, with the understanding that the deficiency shall be made up within the year.

6. Examinations for admission will be held on Thursday, June 18, and on Tuesday, September 8, beginning at 9 o'clock, A. M.

III. METHODS AND COURSES OF INSTRUCTION.

Latin Language and Literature.

PROFESSOR GELSTON.

Some of the aims of the work in this department are: mastery of forms and constructions, a vocabulary as large as possible and the greatest possible facility in its use, and a knowledge of how to study the masterpieces of literature. Special elective and seminary work will be provided for.

The standard of work is that of the best colleges in the country. This will be maintained, for only thus can true culture and refinement of literary taste be obtained. The study of the language and literature of the "greatest of the nations" develops these better than any other single study, for Latin is the *basis* of a broad and liberal education.

The following College courses are offered:

I. Selections from Cicero; Roman History; Prose Composition. *Three hours a week.*

II. Livy; Roman History; Prose Composition. *Three hours a week.*

III. Vergil, Eclogues; Plautus, or Selections from Catullus and Propertius; Roman Literature. *Three hours a week.*

IV. Horace, Odes, Satires, Epistles; Roman Literature. *Three hours a week.*

V. The Roman Drama—Plautus; Terence. *Three hours a week, 1891-2.*

VI. Philosophy among the Romans—Lucretius; Cicero.

VII. Roman Rhetoric and Oratory—Cicero; Quintilian. *Three hours a week, 1891-2.*

VIII. Roman History and Law—Tacitus; Justinian.

Courses I, II, III and IV are required of candidates for the degrees of A. B. and Ph. B. The others are elective. Courses I, III and V are given the First Semester; courses II, IV and VII the Second Semester.

Greek Language and Literature.

PROFESSOR J. T. EWING.

The object of the course of instruction in Greek is to aid the student in acquiring an accurate and thorough knowledge of the etymology, syntax and usages of the language, some familiarity with the works of the best authors, and an appreciative understanding of the spirit

and worth of Greek culture and life. In connection with the reading of typical authors, especial attention is paid to the geography, history and political and social institutions of the Greeks and to their formative influence upon modern literature, philosophy and art. The great service of the language to Christianity in the preservation and defense of Gospel truth is dwelt upon in connection with the reading of Hellenistic Greek.

The modern pronunciation is employed and the attempt is made to present the language as a living one. Constant drill in sight reading and written composition is relied upon to give accuracy and readiness in the use of the language.

The following College courses are offered:

I. Lysias (selected orations), Review of Etymology, Word Formation, Prose Composition. *Four hours a week.*

II. Homer (Iliad), Dialect and Verse, Prose Composition, Greek Literature. *Four hours a week.*

III. Herodotus and Thucydides (selections), Demosthenes (Philippics), Studies in Politics and History. *Three hours a week.*

IV. Euripides and Aristophanes, Studies in the Drama and in Social Life. *Three hours a week.*

V. Greek Poetry, Selections from Lyric Poets, Theocritus, Greek Anthology.

VI. Greek Antiquities, Political and Legal Institutions of Athens and Sparta.

VII. Elementary Greek (open to students in the Philosophical and Scientific Courses.)

VIII. Selections from Xenophon (continuation of course VII).

Courses I, II, III and IV, taken in their order, are required of candidates for the degree of Bachelor of Arts; the others are elective.

Courses I, III, V and VII are given the First Semester.

Courses II, IV, VI and VIII, the Second Semester.

Mathematics.

DR. BROOKS AND PROF. J. W. EWING.

Our aim in these studies is three-fold; first, to secure to the students such knowledge as will be directly available in practical life; secondly, to prepare the way for those higher studies which are essential to a liberal education; and thirdly to give that intellectual discipline—especially that development of the reasoning faculty—which is the fundamental purpose of collegiate training, and which may be more easily and more fully secured through the study of Mathematics than in any other way.

The first of these aims is necessarily more prominent in the earlier part of the course than at a later period, but even then does not exclude the others. We purpose to teach Arithmetic, not as a collection of rules to be committed to memory and applied in a spirit of blind obedience, but by accustoming the pupil to see what the conditions of each problem demand, and to solve the problem by what he sees to be its necessary law. Arithmetic so taught is more than a discipline of the memory; it greatly develops the logical faculty.

To preparatory Algebra we assign three semesters, believing that so generous an allowance will enable the average student to be perfectly at home in the application of principles, as well as to understand each new principle as it is brought to his notice. In Algebra, as in all other subdivisions of this department, we design to teach the science rather than any particular text book.

During the last year of preparation for college, there are four recitations a week in Geometry, and we are thus able to include in the year's work Solid and Spherical as well as Plane Geometry. The reasoning is constantly kept in the attention of the student as a chief thing, without

which he will simply acquire so many facts to be treasured in the memory.

The Algebra and Geometry of the Preparatory course are supplemented by further study in the Freshman year, the first principles of the Infinitesimal Calculus being applied to the higher problems of Algebra, and the student being introduced to the methods of the Modern Geometry. Trigonometry, both Plane and Spherical, is included in the work of the Freshman year.

Analytical Geometry, and the Differential and Integral Calculus complete the preparation for Mechanics and Astronomy in the following years, and enable the student to pursue these studies more intelligently and more profitably than if he were simply to take the facts and laws on testimony.

The following College courses are offered:

- I. Plane and Spherical Trigonometry. *Four hours a week.*
- II. Higher Algebra. *Four hours a week.*
- III. Analytical Geometry. *Two hours a week.*
- IV. Analytical Geometry (continuation of course III). *Two hours a week.*
- V. Differential and Integral Calculus. *Three hours a week.*
- VI. Calculus (continuation of course V). *Three hours a week.*

Courses I, III and V are offered the First Semester; Courses II, IV and VI the Second Semester. Courses V and VI are elective. Students in the Classical and Literary Courses may elect Biology I and II in place of Mathematics III and IV.

English Language and Literature.

DR. BROOKS AND PROF. BUTLER.

The study of one's own language lies very near the foundation of a good education, and its place cannot be sup-

plied by any study of mathematics or science. We have therefore provided for constant attention to the English language during the first two years of the Preparatory course, to be followed by Rhetoric in the third year, and a comprehensive history of English Literature in the fourth year.

The Junior class in the College continues the study of English Literature during the entire year. Attention is specially given to the great writers who have won a prominent place as masters of the English language. The historical relation of these masters to their own times is carefully considered, and the philosophical aspects of literature form an important part of the study.

An advanced course for Seniors pursuing the Literary Course will be organized when needed, during which the range of observation will be widened and select portions of the literature of other nations will be examined.

During the whole course the student will be led, so far as possible, to develop his own critical judgment and to express the results of his study in frequent discussions and essays upon prescribed periods or topics in the work pursued.

The College courses are as follows:

- I. English Language; Rhetoric. *Three hours a week.*
- II. English Language; Study of Words; Themes. *Three hours a week.*
- III. Early English Literature. *Four hours a week.*
- IV. Masterpieces of English. *Two hours a week.*

Courses I and III are given during the First Semester; Courses II and IV during the Second Semester.

History.

DR. BROOKS.

The College aims at furnishing to the students as large an opportunity for acquiring a knowledge of History as is

consistent with the claims of other studies. One semester in the Preparatory courses is given to the History of the United States, and a year to General History. In the College courses there is provision for three years of History. The intention is to encourage a taste for historical study in general, by a careful examination of particular periods, and the history of nations most prominent in the world's progress.

The following College courses are offered:

- I. The History of England. *Three hours a week.*
- II. The History of England; continuation of course I. *Three hours a week.*
- III. The Constitutional History of the United States. *Three hours a week.*
- IV. The French Revolution. *Three hours a week.*
- V. Modern Europe (1892-3.)
- VI. The Protestant Reformation (1892-3.)

Courses I, III and V are given during the First Semester; courses II, IV and VI during the Second Semester.

Courses I and II are required of all candidates for a degree; the others are elective and should be taken in order.

Physics.

PROFESSOR J. W. EWING.

The course in Physics comprises three semesters' work for students in all the Courses of Study except the Literary Course, as follows: one in the second Preparatory and two in the Junior Collegiate years. The subject is taught by lectures illustrated by experiments, by recitations from text-book and by laboratory work.

The College courses are as follows:

- I. Mechanics, Hydrostatics, Heat. *Three times a week, First Semester.*
- II. Electricity, Acoustics, Optics. *Three times a week, Second Semester.*

Chemistry.

PROFESSOR DAVIS.

The aim of the course in Chemistry is to teach the student how to work intelligently and thus how to study the science to advantage.

Beginning with the metals, the appearance, characteristics, compounds, qualitative tests, etc., of each, are carefully investigated in the laboratory and as carefully noted. So much of the theory of Chemistry is discussed and illustrated as will enable the student fully to understand what he sees and does. Following this, the non-metallic elements are studied and more elaborate experiments are performed. The student is required to make such special apparatus as he requires in this part of the work, from materials furnished for the purpose. Finally, a course in Quantitative Analysis and Mineralogy will be provided for students in the Scientific Course.

The College courses are as follows:

- I. General Chemistry—Laboratory work and lectures—*Three hours a week.*
- II. Qualitative Analysis—*Three hours a week.*
- III. Quantitative Analysis—*Three hours a week.*
- IV. Descriptive and Determinative Mineralogy—*Three hours a week.*

Courses I and III are given in the First Semester; courses II and IV in the Second Semester.

Courses I and II are required in all courses of study except the Literary Course; the others are elective.

Biology.

PROFESSOR DAVIS.

The object of the course in Biology is to quicken the student's power in observation and thought, and to make him an independent investigator. With this end in view

the work in Zoölogy is done mainly in the laboratory. Familiar type animals are taken up in the beginning and carefully studied, and as the student becomes accustomed to the methods of work, those less familiar are worked up. In every stage the student is required to make dissections, to keep careful record of his work and to make drawings from the object which he is studying. The elements of classification are taught and the attention of the student is constantly turned to the general characters of the type which he is studying. The work in Botany begins with the study of the morphology and general characters of flowering plants. The flora of the region is carefully studied and the student is encouraged to investigate the habits of plants which come under his observation. In the advanced course the work is entirely in the field and in the laboratory.

The work in Geology is, as far as possible, done in the field, but the theories of the science and geological history are taught from text book and by means of lectures, illustrated by specimens, charts and models.

Human Anatomy and Physiology are taught by the aid of text book, charts, models, and as far as possible, by dissections.

The College courses are as follows:

- I. Zoölogy; Laboratory Work. *Three hours a week.*
- II. Botany; Field and Laboratory Work. *Three hours a week.*
- III. Astronomy. *Three hours a week.*
- IV. Geology. *Three hours a week.*
- V. Botany, Advanced. *Three hours a week.* (1892-3.)
- VI. Histology. *Three hours a week.*
- VII. Zoölogy, Advanced. *Three hours a week.*

Courses I, III, V and VI are given in the First Semester; courses II, IV and VII in the Second Semester.

Courses I, II, III and IV are required in one or other of the regular courses of study. They may be elected in those in which they are not required.

Courses V, VI and VII are general electives.

Modern Languages.

MISS INGLIS.

The work in the Modern Languages is arranged with the design of giving a thorough grammatical and conversational knowledge of German and French. In German, the first year's work is devoted to elementary grammar and conversation. After the first term, the instruction is carried on entirely in German. By this means the student is able, after the first year, to continue the study without the use of English in the class-room.

The second year is devoted to grammar with special reference to syntax, reading, introducing modern and colloquial German, conversation and sight reading.

The following College courses are offered:

GERMAN.

- I. German Dramas.—*Schiller's Don Carlos.*
- II. Prose Masterpieces.—*Goethe's Wilhelm Meister.*
- III. General Survey of German History.
- IV. General Survey of German Literature.

FRENCH.

- I. French Dramas.—*Le Cid. Corneille.*
- II. Modern Prose Writers.—*Victor Hugo, Alfred de Musset, etc.*
- III. General Survey of French History.
- IV. General Survey of French Literature.

Number of hours per week, four in German, courses I and II, three in all other courses.

Courses I and II in each language are required of candidates for all degrees except A. B.

Courses I and III are given in the First Semester; courses II and IV in the Second Semester.

Mental and Moral Philosophy.

PROFESSOR BUTLER.

The Course in Philosophy begins with the study of the Science of Logic in the Junior year. The forms of argument, the laws of thought and general principles of method are carefully studied. The work in this study is made as practical as possible, and the principles learned are at once applied to the construction of discourse.

In the Senior year the study of Psychology is taken up during the first semester. In this subject the student begins his investigations with the facts of his own consciousness, and is led to connect these elements in an orderly system. The physiological relations of mind and matter are studied and the principles of being thoroughly discussed.

During the same semester an investigation of the most prominent Theistic arguments and theories is entered upon. The evidences in favor of Christianity as a system of belief and practice, and the ordinary and scientific objections are considered, either during the required class work or as an elective. In the second semester of the Senior year the study of Ethics, on both the theoretical and practical sides, will be pursued. The principles of moral action, the conditions of responsibility, the idea of good, the nature of duty, virtue and character, will be discussed and the different theories which have prevailed will be examined.

For that portion of the class pursuing the Philosophical and Scientific Courses, the study of the History of Philosophy will be required during the second semester of the Senior year. This will lead the student to consider the great philosophical systems which have at different times

been promulgated, and which have so largely influenced philosophical thought.

The College courses are as follows:

- I. Logic. *Two hours a week.*
- II. Psychology. *Three hours a week.*
- III. Ethics. *Three hours a week.*
- IV. Christian Evidences. *Two hours a week.*
- V. History of Philosophy. *Three hours a week.*

Courses I, II and IV will be given in the First Semester; courses III and V, in the Second Semester.

Social and Political Science.

PROFESSOR BUTLER.

This begins with the study of Political Economy and the application of its principles to the practical questions of social, civil and business affairs.

This will be continued during the first half of the Senior year, when the growth of constitutions and governments, the relation of states and nations to each other, and the prevalent laws concerning those relations will be examined.

In this department each student will be required to present his own thoughts upon some assigned portion of the study in a written thesis, once at least during the year.

The College courses are as follows:

- I. Political Economy. *Four hours a week.*
- II. International Law. *Three hours a week.*
- III. History of Civilization. *Two hours a week.*

Omitted in 1891-2.

Course II will be given in the first Semester; courses I and III, in the second semester.

Bible Study.

A weekly exercise in Bible study is appointed for every student, and occupies the first recitation hour of Monday morning. As a guide, Dr. Geo. M. Steele's book, "Outlines of Bible Study," is used.

Rhetoric and Oratory.

The training in this department begins with the first preparatory year and is continued to the graduation of the Senior class from the College.

The technical study of Rhetoric and the practical application of the principles learned in the rhetoricals are considered as parts of the same work. The science of Rhetoric is thus made co-ordinate with the art of Oratory.

During the Freshman year the rhetorical work is mostly confined to historical and biographical themes. The Sophomore class gives the entire year to the study of the principles of discourse, both written and oral. The literary work of the student will be made as ample as possible. At the same time vocal and elocutionary training will be attended to, and such public work will be asked as may be deemed best for the progress of the student.

IV. OUTLINE OF THE COURSES OF STUDY.

Classical Course.

FRESHMAN YEAR.

<i>First Semester.</i>		<i>Second Semester.</i>	
Latin, I	3	Latin, II	3
Greek I	4	Greek, II	4
Mathematics, I	4	Mathematics, II	4
History, I	3	History, II	3
Bible	1	Bible	1

SOPHOMORE YEAR.

<i>First Semester.</i>		<i>Second Semester.</i>	
Latin, III	3	Latin, IV	3
Greek, III	3	Greek, IV	3
English, I	3	English, II	3
{ Mathematics, III	2	{ Mathematics, IV	2
or		or	
{ Biology, I	3	{ Biology, II	3
Chemistry, I	3	Chemistry, II	3
Bible	1	Bible	1

JUNIOR YEAR.

<i>First Semester.</i>		<i>Second Semester*</i>	
Physics, I	3	Physics, II	3
Philosophy, I	2	Social and Pol. Sci., I	4
English, III	4	English, IV	2
Bible	1	Bible	1
Electives	6	Electives	6
(See pages 34-35.)		(See pages 34-35..)	

SENIOR YEAR.

<i>First Semester.</i>		<i>Second Semester.</i>	
Astronomy	3	Geology	3
Philosophy, II	3	Philosophy, III	3
Philosophy, IV	2	Social and Pol. Sci., III	2
Electives	6	Electives	6
(See pages 34-35.)		(See pages 34-35.)	

Philosophical Course.

FRESHMAN YEAR.

<i>First Semester.</i>		<i>Second Semester.</i>	
Latin, I	3	Latin, II	3
German, I	4	German, II	4
Mathematics, I	4	Mathematics, II	4
History, I	3	History, II	3
Bible	1	Bible	1

SOPHOMORE YEAR.

<i>First Semester.</i>		<i>Second Semester.</i>	
Latin, III	3	Latin, IV	3
French, I or Biology, I	3	French, II or Biology, II	3
English, I	3	English, II	3
Mathematics, III	2	Mathematics, IV	2
Chemistry, I	3	Chemistry, II	3
Bible	1	Bible	1

JUNIOR YEAR.

<i>First Semester.</i>		<i>Second Semester.</i>	
Physics, I	3	Physics, II	3
Philosophy, I	2	Social and Pol. Science, I	4
English, III	4	English, IV	2
Bible	1	Bible	1
Electives	6	Electives	6
(See pages 34-35.)		(See pages 34-35.)	

SENIOR YEAR.

<i>First Semester.</i>		<i>Second Semester.</i>	
Social and Pol. Science, II	3	Philosophy, v	3
Philosophy, II	3	Philosophy, III	3
Philosophy, IV	2	Soc. and Pol. Science, III	2
Electives	6	Electives	6
(See pages 34-35.)		(See pages 34-35.)	

Scientific Course.

FRESHMAN YEAR.

<i>First Semester.</i>		<i>Second Semester.</i>	
Biology, I	3	Biology, II	3
German, I	4	German, II	4
Mathematics, I	4	Mathematics, II	4
History, I	3	History, II	3
Bible	1	Bible	1

SOPHOMORE YEAR.

<i>First Semester.</i>		<i>Second Semester.</i>	
Chemistry, I	3	Chemistry, II	3
French, I	3	French, II	3
English, I	3	English, II	3
Mathematics, III	2	Mathematics, IV	2
Elective Science	3	Elective Science	3
Bible	1	Bible	1

JUNIOR YEAR.

<i>First Semester.</i>		<i>Second Semester.</i>	
Physics, I	3	Physics, II	3
Philosophy, I	2	Social and Pol. Science, I	4
English, III	4	English, IV	2
Bible	1	Bible	1
Electives	6	Electives	6
(See pages 34-35.)		(See pages 34-35.)	

SENIOR YEAR

<i>First Semester.</i>		<i>Second Semester.</i>	
Soc. and Pol. Science, II	3	Philosophy, v	3
Philosophy, II	3	Philosophy, III	3
Philosophy, IV	2	Soc. and Pol. Science, III	2
Electives	6	Electives	6
(See pages 34-35.)		(See pages 34-35.)	

Literary Course.

FRESHMAN YEAR.

<i>First Semester.</i>		<i>Second Semester.</i>	
Art or Music	3	Art or Music	3
German, I	4	German, II	4
Mathematics, I	4	Mathematics, II	4
History, I	3	History, II	3
Bible	1	Bible	1

SOPHOMORE YEAR.

<i>First Semester.</i>		<i>Second Semester.</i>	
Art or Music	3	Art or Music	3
Ancient Literature	3	Elective	3
French, I	3	French, II	3
English, I	3	English, II	3
{ Mathematics, III	2	{ Mathematics, IV	2
{ or Biology, I	3	{ or Biology, II	3
Bible	1	Bible	1

JUNIOR YEAR.

<i>First Semester.</i>		<i>Second Semester.</i>	
German, III or French, III	3	German, IV or French, IV	3
Philosophy, I	2	Social and Pol. Sci., I	4
English, III	4	English, IV	2
Bible	1	Bible	1
Electives	6	Electives	6
(See pages 34-35.)		(See pages 34-35.)	

SENIOR YEAR.

<i>First Semester.</i>		<i>Second Semester.</i>	
English, v	3	English, VI	3
Philosophy, II	3	Philosophy, III	3
Philosophy, IV	2	Social and Pol. Sci.	2
Electives	6	Electives	6
(See pages 34-35.)		(See pages 34-35.)	

 Elective Courses, 1891-92.

Open to Juniors and Seniors.

Each course three hours a week for one semester.

LATIN.*—v. Open to those who have passed upon the Latin of the Freshman and Sophomore years.

vii. Open to those who have taken course v.

- GREEK.—V. Open to those who have passed upon the Greek of the Freshman and Sophomore years.
VI. Open to those who have taken course v.
VII. Open to students in the Philosophical, Scientific and Literary courses of study.
VIII. Open to those who have taken course VII.
- GERMAN.—III. Open to those who have had the required German.
IV. Open to those who have taken course III.
- FRENCH.—III. Open to those who have had the required French.
IV. Open to those who have taken course III.
- MATHEMATICS.—V. Open to those who have had courses III and IV.
VI. Open to those who have taken course v.
- HISTORY.—III. Open to those who have had the required History.
IV. Open to those who have taken course III.
- CHEMISTRY.—III. Open to those who have had the required Chemistry.
IV. Open to those who have taken course III.
- BIOLOGY.—VI. Open to those who have passed upon courses I and II.
VII. Open to those who have taken course VI.
- MUSIC. Offered, at their own expense, to students to the extent of three hours a week.
- ART. Offered, at their own expense, to students to the extent of three hours a week.

* For the description of courses, see "Methods and Courses of Instruction," pages 18-30.

Note.—Elections should be made for the year. In making them the student must be guided by the schedule of recitations, so as to avoid conflict in hours. Such studies as are not required in all courses may be elected in the courses in which they are not required. Professors are not required to teach electives that are chosen by less than three students.

THE PREPARATORY DEPARTMENT.

I. Object.

The object of this Department is to afford the necessary facilities for securing adequate, exact and thorough preparation for college work, and also to meet the needs of those who are unable to take a college course.

II. Courses of Study.

For entrance to the College four courses are provided that severally lead up to the corresponding courses of the Collegiate Department, viz: The Classical, Philosophical, Scientific and Literary. Each of these courses, however, is complete in itself, and may be pursued with profit by the student with limited time and means for gaining an education. In addition, a shorter English Course of three years is provided, which may be supplemented by an additional year of Modern Language and electives in English, History, Science, and Art or Music.

II. Requirements for Admission.

Candidates for admission to the First Year Class must be able to sustain examination in Reading, Spelling, Arithmetic, the elements of English Grammar and common school Geography. Candidates for higher standing will be examined in the studies previously pursued by the class they desire to enter.

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IV--OUTLINE OF COURSES OF STUDY.

FIRST YEAR.

First Semester.

MATHEMATICS—Elementary Algebra. (5)*
 + ENGLISH—Grammar. (4)
 HISTORY—United States. (3)
 LATIN—Lessons. (5)
 PENMANSHIP. (3)

Second Semester.

MATHEMATICS—Elementary Algebra. (5)
 ENGLISH—Grammar. (4)
 LATIN—Lessons. (5)
 BOOK-KEEPING. (3)

SECOND YEAR.

First Semester.

ADVANCED ARITHMETIC. (4)
 ENGLISH—Higher. (4)
 LATIN—Cæsar. (5)
 CIVICS. (3)

Second Semester.

NATURAL PHILOSOPHY. (5)
 ENGLISH—Higher. (4)
 LATIN—Cæsar. (5)
 NATURAL SCIENCE—Physiology. (3)

THIRD YEAR.

CLASSICAL COURSE.

First Semester.

ENGLISH—Rhetoric. (3)
 LATIN—Cicero's Orations. (5)
 GREEK—Grammar and Lessons. (5)
 HISTORY—Ancient. (3)

Second Semester.

MATHEMATICS—Higher Algebra. (4)
 LATIN—Cicero's Orations, and Vergil's *Æneid*. (4)
 GREEK—Lessons and Anabasis. (5)
 HISTORY—Mediæval and Modern. (3)

* The figures in parenthesis denote the number of recitations a week.

+ Weekly exercises throughout course in composition and rhetoric, and in Bible study.

OUTLINE OF COURSES OF STUDY.—Continued.

SCIENTIFIC COURSE.

First Semester.

- ENGLISH—Rhetoric. (3)
 LATIN—Cicero's Orations. (5)
 MODERN LANGUAGE—German or French. (5)
 HISTORY—Ancient. (3)

Second Semester.

- MATHEMATICS—Higher Algebra. (4)
 NATURAL SCIENCE—Botany. (4)
 MODERN LANGUAGE—German or French. (5)
 HISTORY—Mediæval and Modern. (3)

FOURTH YEAR.

CLASSICAL COURSE.

First Semester.

- MATHEMATICS—Geometry. (4)
 ENGLISH—Literature. (3)
 LATIN—Æneid. (4)
 GREEK—Anabasis. (5)

Second Semester.

- MATHEMATICS—Geometry. (4)
 NATURAL SCIENCE—Chemistry. (3)
 LATIN—Æneid; Ovid. (4)
 GREEK—Odyssey. (5)

SCIENTIFIC COURSE.

First Semester.

- MATHEMATICS—Geometry. (4)
 ENGLISH—Literature. (3)
 MODERN LANGUAGE—French or German. (5)
 NATURAL SCIENCE—Physical Geography. (4)

Second Semester.

- MATHEMATICS—Geometry. (4)
 ENGLISH—Literature. (4)
 MODERN LANGUAGE—French or German. (5)
 NATURAL SCIENCE—Chemistry. (3)

The Philosophical Course is the same as the Classical with the substitution of one year of German and one of French for Greek.

The Literary Course is the same as the Philosophical with the substitution of Art or Music for Latin.

English Course.

FIRST YEAR.

<i>First Semester.</i>		<i>Second Semester.</i>	
Arithmetic,	5	Arithmetic,	5
U. S. History,	3	Book keeping,	3
English Grammar,	4	English Grammar,	4
Penmanship,	3	Elective,	3
Elective,	3		

SECOND YEAR.

<i>First Semester.</i>		<i>Second Semester.</i>	
Algebra,	5	Algebra,	5
Advanced Arithmetic,	4	Natural Philosophy,	5
English, Higher,	4	English, Higher,	4
Civics,	3	Physiology,	3

THIRD YEAR.

<i>First Semester.</i>		<i>Second Semester.</i>	
Geometry,	4	Geometry,	4
History,	3	History,	3
Physical Geography,	4	Chemistry,	3
Elective,	5	Elective,	5

NOTE.—The elections under this course must be made under the direction and with the consent of the Principal.

A fourth year's course, supplemental to the above, may be arranged, consisting of one modern language and elective studies in English, History, Science, and Art or Music.

THE NORMAL AND TRAINING DEPARTMENT.

I. OBJECT.

This Department recognizes the necessity of teachers' having a thorough knowledge—*first*, of the laws governing mental activity or mind development; *second*, of the branches of learning required to be taught; and *third*, of the best methods of teaching. It also recognizes that the teacher's power to govern and instruct comes from a comprehensive knowledge of that *with which* and that *upon which* she operates, as certainly as the possession of ideas must precede their expression.

All successful teaching requires the right thing to be taught at the right time and in the right way. A teacher's knowledge of the laws of mind—her clear understanding of the order and manner in which the mental faculties unfold and develop, can alone aid her to determine what is the right thing, what is the right time and what is the right way.

II. COURSES OF STUDY.

Three courses of study are provided, viz.: Regular, four years; Professional, special, one year, and Primary, special, one semester.

(a) The regular course provides two classes of work, academic and professional. The aim of the academic work is to give a thorough knowledge of the common branches, and of the elements of the Natural Sciences. The professional work embraces Mental and Moral Science, the History and Philosophy of Education, Methods of Teaching, School System and School Laws of Michigan; the organization, government and general management of schools and the Kindergarten System of instruction.

(b) The Professional course comprises the professional work of the regular course.

(c) The Primary course comprises a thorough and practical training in the Kindergarten system.

Diplomas will be given to students graduating from the regular course. Certificates will be given to students completing either of the special courses.

III. DESCRIPTION OF WORK.

1. The Kindergarten System.

The course in the Kindergarten methods comprises lectures on the use and import of each and all of the Kindergarten gifts and occupations, practical exercises with each and all of the gifts and occupations, and their place and use indicated not only in the primary schools, but in higher grades. Special attention is given to the new features of the system. Students are required to write abstracts of all lectures and outlines of all exercises.

The principles that underlie and vitalize the Kindergarten system should underlie and vitalize each and all the grades of educational work from the primary to the university. A knowledge of the practical application of these principles can only be obtained by a careful study of the history, philosophy and science of education and the laws of mental development.

Special attention is given to the relation of the Kindergarten methods to the Primary Sunday School Work, and to the Home and Foreign Mission Work.

2. History and Philosophy of Education.

This work contemplates a knowledge of the lives, labors and principles of the great leaders in educational reform and progress; a careful study of the writings of prominent educators; a search for the true principles of teaching; an application of psychology to the development of methods; a definite conception of the nature and purposes of a school and of an education; and a careful consideration of the duties and rights of teachers and pupils.

3. Mythology.

The work in mythology is pursued with a view to understand the working of the primitive mind; to understand its interpretations of natural phenomena; and to apply this knowledge to observation of the working of the child mind, and in the selection of such tales as may benefit the child in its mental, moral and physical growth.

4. Professional Training.

Teachers are required to note carefully the methods pursued by their instructors and to make notes on the following points:

1. Order and manner in which a subject is discussed.
2. Illustrations and devices that may be used with the lesson.
3. Method of conducting the recitation.
4. The apparent plan of the teacher and the educational principles that were observed in the instruction.

5. Practice Teaching.

Senior students teach nine weeks each term in the observation school under the direction of a critic teacher.

IV.--OUTLINE OF COURSES OF STUDY.

REGULAR COURSE.

FIRST YEAR.

First Semester.

English Grammar. (3)
 Arithmetic. (5)
 United States History. (3)
 Penmanship. (3)
 Music—Vocal. (1)
 Rhetoricals. (1)
 Bible Study. (1)

Second Semester.

English Grammar. (3)
 Arithmetic. (5)
 Physiology. (3)
 Book keeping. (3)
 Music—Vocal. (1)
 Rhetoricals. (1)
 Bible Study. (1)

SECOND YEAR.

First Semester.

English Grammar. (3)
 Algebra. (5)
 Advanced Arithmetic. (4)
 Civil Government. (3)
 Physical Geography. (3)
 Rhetoricals. (1)
 Bible Study. (1)

Second Semester.

English Grammar. (3)
 Algebra. (5)
 Natural Philosophy. (5)
 Zoology. (3)
 Rhetoricals. (1)
 Bible Study. (1)

THIRD YEAR.

First Semester.

Rhetoric. (3)
 General History. (3)
 * Psychology. (3)

Second Semester.

Elementary Chemistry. (3)
 Botany. (3)
 * Moral Philosophy. (3)

REGULAR COURSE.—THIRD YEAR.—Continued.

- *† Educational History. (3)
- * Professional Training. (2)
- Reading, Numbers, Language, Geography—5 weeks each.
- *† Art. (1)
- *† Bible Study. (1)
- General History. (3)
- * Professional Training. (2)
- * Arithmetic, History, Civics, Orthography—5 weeks each.
- * Lectures on School Management, etc. (1)
- * Art. (1)
- Bible Study. (1)

FOURTH YEAR.

First Semester.

- Geometry. (4)
- *† Kindergarten System. (5)
- English Literature. (3)
- *† Mythology. (2)
- Bible Study. (1)
- * Practice Teaching—9 weeks.

Second Semester.

- Geometry. (4)
- * Kindergarten System. (4)
- * Philosophy of Education. (3)
- * School Law. (1)
- * Normal Training in Sunday School Work. (2)
- * Practice Teaching—9 weeks.

SPECIAL COURSES.

I. PROFESSIONAL (ONE YEAR).

This course comprises the work marked with a star (*) in the third and fourth years of the regular course. Graduates of accredited high schools may finish the regular course in one year.

II. PRIMARY (FIRST SEMESTER).

This course comprises the work in the regular course marked with a dagger (†), talks on psychology and morals, and observation in the practice school.

THE DEPARTMENT OF MUSIC.

The course of instruction in this Department includes Pianoforte, Organ, Voice Culture and Harmony. The following courses embracing four years are offered:

I. Pianoforte and Harmony and one study per term in the College, the College study requiring six hours per week for recitation and preparation. A certain amount of Rhetorical work will also be required each term, except during one year, when the study of musical history, analysis, and the lives and works of classic and modern composers will be substituted.

The following is a partial list of works used in the pianoforte study:

Technical studies—Plaidy and Tausig, Etudes—Spindler, Köhler, Kunz, Döring, Le Couppey, Duvernoy, Loeschhorn, Jensen, Heller, Cramer, Chopin, etc.

Sonatinas—Gurlitt, Reinecke, Clementi, Kuhlau, Haydn.

Sonatas—Kuhlau, Reinecke, Haydn, Mozart, Beethoven.

Pieces—Mendelssohn, Schumann, Schubert, Chopin, Beethoven, Bach, Handel, Moskowski, Jensen, Scharwenka, Grieg, Rubinstein, Liszt, etc.

Great care is taken to train the pupil in technique, true musical feeling and interpretation.

II. Singing, Pianoforte, Harmony and one study in College.

In addition to the work of Course I, outlined above, Course II includes voice culture. Careful attention is

given to the intelligent placing of the voice, correct breathing, clear enunciation and refinement of taste and style.

Exercises and etudes by the following composers are used: Concone, Sieber, Panofka, Marchesi and others, together with songs by the best German, Italian and English composers.

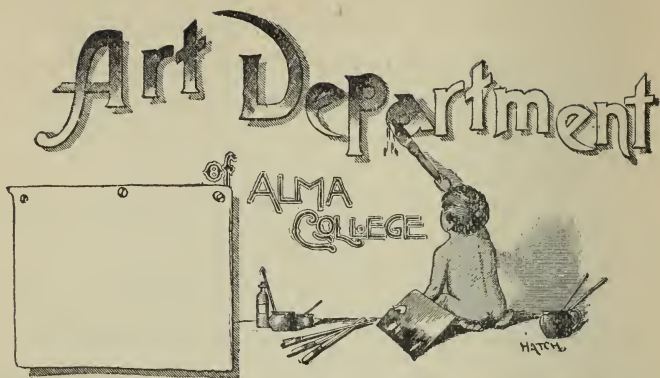
Classes in Harmony will use Emery's and Richter's text books.

J. C. Fillmore's Musical History is also used.

Classes in sight reading, chorus and choir drill are open to all pupils of this department.

Students are required to take two lessons per week in pianoforte, organ and singing, and this rule will not be modified except by special arrangement and at a higher rate of tuition. No deduction will be made for lessons missed unless by special arrangement. In cases of protracted illness the loss is shared equally by College and pupil.

For rates of tuition see page 58.



The object of this Department is to develop the power of observation and to train the eye and hand to reproduce what is seen;

First, by a thorough study in black and white from various models, casts, etc.

Second, by studies in still life, preparing for more advanced work in sketching from nature and life.

The Department has been furnished with a good assortment of casts, models of leaves, fruit, flowers, etc.

COURSE OF STUDY.

First Year.

Elementary Principles of Drawing and Perspective in Pencil and Charcoal.

Drawing from Objects and Casts.

Sketching from Nature in Charcoal and Water Colors.

Second Year.

Sketching and Drawing from Still Life.

Grouping and Composition.

Third Year.

Sketching from Life in Pencil and Charcoal.

Study from Nature continued.

Fourth Year.

Painting from Life and Nature exclusively.

The class in Sketching from Nature is continued throughout the spring and fall, as the season permits. This branch of the Department, as well as Sketching from Life, receives special attention.

The work of the students will be on exhibition during Commencement Week.

Students in the Normal as well as in special grades of the Preparatory Department receive instruction in free-hand drawing once each week without extra charge.

It is especially desired that all students entering for a course in Art should be present at the opening of the term.

For rates of tuition, etc., see page 58.

GENERAL INFORMATION.

Suggestions to Applicants for Admission.

To ascertain the requirements for admission to the Collegiate Department the applicant should examine the outline of the courses of study of the Preparatory Department, pages 37-38. For an understanding of the scope and nature of the courses of study in the Collegiate Department he should study the outline of the courses, pages 30-34, together with the review of the courses given on pages 18-30. The Index at the end of the Catalogue will direct him to the page on which each subject is treated.

New students should arrive on Saturday or Monday before the opening of a term, so as to conclude all necessary arrangements. A list of rooms and boarding places may

be found at the President's office in the main college building. Lady students may repair directly to the Ladies' Hall and consult the Lady Principal with regard to matters of personal interest.

Letters of inquiry should be addressed to the President or the Lady Principal.

Membership and Dismission.

Applicants for admission to any department of the College must present satisfactory testimonials of good character, and, if from other institutions of learning, certificates of honorable dismission.

All students will be responsible to the college authorities from the time of their registration.

The first three months of connection with the College will be considered as a season of probation, and if during this period a longer stay is deemed for any reason unadvisable, the student may be so informed privately, and permitted to withdraw without further action.

Any student whose accounts with the treasurer are satisfactorily arranged, and against whom there is no charge of improper conduct, is entitled to an honorable dismission.

Whenever the influence of a student is found to be bad, the Faculty may, if they deem it best, sever his connection with the College without making formal charges.

All students should, for their own profit, enter at once upon some one of the prescribed courses of study laid down in this Catalogue; but in special cases they may, under the direction of the Faculty, select studies according to their preference.

Examinations.

The daily recitations of each student are noted and the standing recorded for future reference.

Examinations are held at the close of each semester and at intervals within the semester at the discretion of the instructors.

If at any examination the standing of a student be unsatisfactory, notice of the fact shall be sent to his parent or guardian, and the student himself be duly informed. If there be no improvement, the student may be suspended, or transferred to a lower class.

At the close of each semester a report of the scholarship and standing of each student is sent to his parent or guardian.

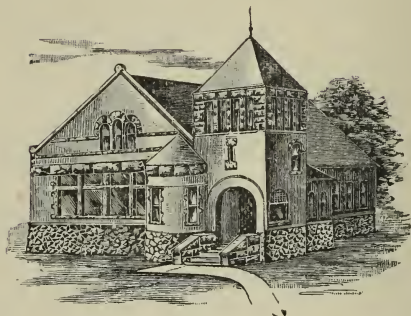
No student is permitted to be absent during the semester without special leave.

Degrees and Diplomas.

The degree of Bachelor of Arts will be conferred upon the graduates from the Classical Course; that of Bachelor of Philosophy upon the graduates from the Philosophical Course; that of Bachelor of Science upon the graduates from the Scientific Course; and that of Bachelor of Letters upon the graduates from the Literary Course.

Students who have completed the required course in the Preparatory or the Normal and Training Department receive certificates of the fact.

The Library.



The College Library contains 10,500 volumes and 9,000 pamphlets, an increase of 2,500 volumes and 1,000 pamphlets since the issue of our last Catalogue.

This collection embraces a great variety of works in Classical, English and Foreign Literatures, in Biography and History, in the various Sciences and Arts, and includes a large number of standard periodicals and works of reference. These are all arranged in alcoves according to subjects, and a very complete index to Authors, Titles and Subjects, which has been prepared by the Librarian during the past year, places the contents of the Library at the command of all who are in search of information upon any subject.

The pledged donation of \$1,000 annually for ten years, together with other gifts from various individuals, enables us to add to the Library from year to year the more important publications which are being issued from the press.

The large increase of the Library has rendered neces-

sary the addition of new shelves which will provide room for 5,000 volumes.

Among the more valuable accessions to the Library during the year, we mention the gift by the widow of the late Rev. Dr. C. S. Armstrong, of 700 volumes from her husband's Library, and also that of the valuable Law Library of Marcus Pollasky, late of Seattle, Washington, numbering 673 volumes.

Immediately adjoining the Library Room is the Reading Room containing a good variety of newspapers and periodicals of this country and England.

Both the Library and the Reading Room are open every week day during term time from 9 A. M. to 12 M., and from 1:30 P. M. to 5 P. M. During vacations they are open from 2 P. M. to 5 P. M.

Students may examine and use the Books and Periodicals during Library hours and may draw one book at a time to be taken away and retained one week, and if renewed, for one week longer. All other persons are allowed to use the Library and Reading Room freely, and on the payment of an annual fee of \$1, are permitted to draw books on an equal footing with the students.

Museum.

A building for the accommodation of our cabinet is sorely needed. A part of our valuable collection is arranged in plain cases in the reading room, a part in an upper room of the college building proper, and a still larger part is yet in packing boxes in the basement of the library. A fine collection of birds and another of plants have been recently purchased, and these together with the Shroyer-Wilcox collection of fossils and many other valuable

geological and mineralogical specimens, afford ample opportunity for the study of the subjects to which they pertain; but to make the most of these, we greatly need a building where they can be displayed to advantage. What is needed is a Science Hall, with complete outfit of laboratories, work-rooms, and all the appurtenances belonging to such a building.

Laboratories.

The Chemical Laboratory is a large, well-lighted, well-ventilated room, in the basement of the college building. It is fitted up with tables, apparatus and chemicals, and will, as arranged at present, accommodate sixteen students. Each desk is supplied with water under pressure, re-agents, and necessary apparatus. Particular attention has been given to procuring apparatus for hastening tedious processes as much as possible, and to convenience of arrangement.

The Biological Laboratory is furnished with all necessary apparatus for thorough, practical work. The equipments include a number of compound microscopes of the best foreign make.

Terms and Vacations.

Three terms compose the college year:

A fall term of fourteen weeks, followed by the holiday vacation of two weeks;

A winter term of twelve weeks, followed by a vacation of one week;

A spring term of ten weeks, followed by the summer vacation of twelve weeks.

For the purposes of instruction and examination only, the year will hereafter be divided into two semesters, of eighteen weeks each.

For the dates of opening and closing of terms and semesters see college calendar at the end of this Catalogue.

Religious Exercises.

All students are required to attend weekly exercises for the study of the Bible, devotional exercises daily in the college chapel, and public religious worship at least on Sabbath morning. Unless special request is made to the contrary, by parents or guardians, all students will attend worship at the Presbyterian church.

Religious Societies.

The Young Men's and Young Women's Christian Associations are in a flourishing condition. Their weekly prayer-meetings and other stated and occasional meetings are well sustained and productive of great good. The Y. M. C. A. issues an annual hand-book which gives a large amount of needful information regarding its own work and the general interests of the college.

Literary Societies.

Two literary societies are in active operation, the *Zeta Sigma*, conducted by the young men; and the *Alpha Theta* by the young women. The aim of these societies is the

development of a correct literary taste and of the power of precise and ready expression, both oral and written.

These societies have been organized with the approval of the Faculty and are under its general care.

Alma College Cadets.

The students have organized a company with the above name. Their uniform is a handsome suit of blue-gray, with black trimmings, and gilt buttons bearing the letters A. C. C. Jaunty fatigue caps of the same material, with ornamental design in front consisting of the above-mentioned letters within a semi-circular gilt wreath, complete a very comely outfit. Much may be reasonably expected from this organization in the line of physical development, and it also tends to cultivate among the students an *esprit du corps* which is wholesome in its influence upon the College. This is a purely voluntary association, and bears the same relation to the College as the literary societies.

Ladies' Hall.

The Ladies' Hall is under the immediate supervision of the Principal, who is directly responsible for the government of the young ladies.

She will assign them their rooms and room-mates, change the same when deemed advisable, and have the general supervision of their personal habits and moral interests.

Parents and guardians are invited to communicate freely with the Principal touching the interests of their daughters and wards, so enabling her to understand and meet the peculiar needs of each student.

Any young lady wishing to enter the College should make application to the Principal of this department by letter and at an early date, giving age and acquirements, and stating wishes as to room, course of study, etc.

Girls under fifteen years of age will not be received, except by some special arrangement.

The rooms are arranged in suites for two students.

Necessary heavy furniture is provided, including table, book shelves, chairs, hanging lamp, bedstead, mattress, washstand, etc.

Carpets and other articles of furniture can be provided by young ladies at pleasure.

Young ladies will be expected to furnish one pair of sheets, pillow-slips and towels. If preferred, these will be furnished at a small additional expense.

All bedding and linen should be marked with the student's full name.

An easy flight of stairs connects the halls with the dining room on the first floor, and with the toilet and bath rooms in the basement.

If one student occupies a suite of rooms the regular rent will be charged.

Rooms on the second floor are \$1.25 per week; rooms on the third floor are 75 cents per week.

Expenses.

LADIES' HALL.

Board in Ladies' Hall, \$2.25 per week, for the year	\$81 00
Washing, 50 cts. per week	18 00
Fuel and lights, per year	10 00
Room rent, two in a room, for the year	\$13 50 to 22 50

TUITION AND INCIDENTALS.

Tuition for Fall Term	8 00
“ “ Winter Term	7 00

Tuition for Spring Term	\$6 00
Incidentals, \$3 per term; for the year	9 00

Regular expenses	\$152 50 to \$161 50
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MUSIC.

The following scale of prices is arranged on the basis of two lessons a week per term.

Fall Term—Fourteen Weeks.

Pianoforte, Organ, Voice Culture, each	\$14 00
Harmony	4 00

Winter Term—Twelve Weeks.

Pianoforte, Organ, Voice Culture, each	\$12 00
Harmony	3 00

Spring Term—Ten Weeks.

Pianoforte, Organ, Voice Culture, each	9 00
Harmony	3 00

Other Charges.

Use of piano per term, one hour each day, fall and winter terms	3 00
Spring term	2 50
Use of organ per term, one hour each day	2 00
Use of library per term	75
Use of Technicon per term	50

ART.

Tuition for a term of twenty-four lessons of three hours each, is as follows:

Pencil Drawing	\$5 00
Charcoal Drawing	6 00
Perspective Drawing	6 00
Crayon Drawing	12 00
Oil Painting	12 00
Water Colors	12 00
China Painting	12 00
Wood Carving	12 00
Single Lessons	75
Use of rooms and models daily, three hours, special work	2 50
Six hours	5 00

NORMAL AND TRAINING DEPARTMENT.

For Fall Term	\$21 00
“ Winter Term	18 00
“ Spring “	15 00
Students attending the whole year will have their tuition reduced to	48 00
Students attending the Fall and Winter Terms to	36 00
Students attending Winter and Spring Terms to	30 00

The sons and daughters of home and foreign missionaries are granted *free tuition*.

All students will be charged the regular incidental fee of \$3.00 a term.

Use of Laboratory for students in Chemistry, \$3.00 a term.

Normal students who do not take Kindergarten training will be charged the regular tuition.

Tuition in all departments must be paid by the term in advance.

Art and Music students will be given one week at the beginning of each term to arrange their lessons before being required to pay their tuition. In case of protracted sickness, the College will share equally with the students the loss of lessons.

Location and Advantages.

The flourishing village of Alma is situated in Gratiot county, about thirty-six miles west of Saginaw, and very near the geographical center of the lower peninsula. Its location at the junction of the Detroit, Lansing & Northern and the Toledo, Ann Arbor & Northern Michigan railroads renders it easily accessible. The town has good sewerage and an excellent system of water-works, and experience proves that it is exceedingly healthful. The moral tone of

the community is high, its church privileges abundant and its public school system fully organized and efficient. Those who have children to educate and who desire to surround them with the influences of home will make no mistake in choosing Alma as a place of residence.

College Buildings.

There are at present four buildings on the college campus: the main building, the ladies' hall, the library and the boiler house. The first of these contains the chapel, study hall, recitation rooms and laboratories, and rooms for the Art and Music Departments. It is a substantial and handsome building. The ladies' hall contains reception rooms, the dining room and suites for about thirty students. The library building contains the book room, with shelving for 17,000 volumes, the reading room and the librarian's office, and is elegantly finished in hardwood and in all respects well adapted to its particular uses. All of these edifices are constructed of brick and stone, and have a pleasing architectural appearance. They are heated by steam from a central boiler house.

Aid for Students.

Students preparing for the ministry of the Presbyterian church can usually receive aid from the Board of Education to the amount of \$100 per year.

The sons and daughters of home and foreign missionaries are granted free tuition.

A number of students can usually find employment in the village or in connection with the College. As a rule,

no student who comes here prepared to do faithful work need fail of securing an education for lack of means.

The interests of students of limited means are in the charge of a committee of the Faculty on aid to students, which will carefully administer any funds that may be placed in its hands for this purpose. .

Form of Government.

The students are made sharers in the government of the College, through the College Council, which consists of the President and a representative from each class and society. The President, who is the representative of the Faculty, is the presiding officer.

General Principles of Conduct for All.

Instead of prescribing many specific rules of conduct, we expect every student to give heed to the following general principles:

1. Respect yourself.
 2. Have regard for the rights of others.
 3. Do nothing which you would be unwilling to have your parents know.
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Form of Bequest.

ITEM—I hereby give and devise to Alma College, situated in Alma, Gratiot county, Michigan, the sum of _____dollars.

CALENDAR.

1890

10 Sept.	Wednesday	FIRST TERM began.
27 Sept.	Thursday	Thanksgiving Day.
19 Dec.	Friday	FIRST TERM ended.

Winter Vacation.**1891**

6 Jan.	Tuesday	SECOND TERM began.
29 Jan.	Thursday	Day of Prayer for Colleges.
27 March	Friday	SECOND TERM ended.

Spring Vacation.

7 April	Tuesday	THIRD TERM begins.
14 June	Sunday	Baccalaureate Sermon, P. M.
14 June	Sunday	(evening) Address before the Christian Associations.
16 June	Tuesday	Rhetorical Exhibition.
16 June	Tuesday	(evening) Concert.
17 June	Wednesday	COMMENCEMENT, A. M.
17 June	Wednesday	Meeting of the Board of Trustees, P. M.
17 June	Wednesday	(evening) Public Reception.

Summer Vacation.

8 Sept.	Tuesday	Examinations for admission.
9 Sept.	Wednesday	FIRST TERM begins.
26 Nov.	Thursday	Thanksgiving Day.
23 Dec.	Wednesday	FIRST TERM ends.

Winter Vacation.**1892**

5 Jan.	Tuesday	SECOND TERM begins.
28 Jan.	Thursday	Day of Prayer for Colleges.
29 Jan.	Friday	End of First Semester.
25 March	Friday	SECOND TERM ends.

Spring Vacation.

5 April	Tuesday	THIRD TERM begins.
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